846 Inventory Inquiry/Advice

Functional Group ID=IB

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

Notes:

1. Organizations use this transaction set to inquire about material availability for support of contingency operations, special projects, or other operational requirements. Integrated Material Managers (IMMs)/Inventory Control Points (ICPs) use this transaction set to respond to material availability inquiries.

2. Use a single occurrence of this transaction set to exchange transactions between a single inquiring organization and a single or multiple IMMs/ICPs, or between a single IMM/ICP and a single or multiple inquiring organizations. Use one occurrence of this transaction set to transmit a single or multiple transactions.

3. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table which can be found on the National Institute of Standards and Technology (NIST) World Wide Web site.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1		
Not Used	040	CUR	Currency	O	1		
Not Used	050	DTM	Date/Time Reference	O	10		
Not Used	060	REF	Reference Identification	O	12		
Not Used	070	PER	Administrative Communications Contact	O	3		
Not Used	075	MEA	Measurements	O	20		
			LOOP ID - N1			5	
Must Use	080	N1	Name	O	1		
Not Used	090	N2	Additional Name Information	O	2		

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
Not Used	100	N3	Address Information	O	2	
Not Used	110	N4	Geographic Location	O	1	
Not Used	120	REF	Reference Identification	O	12	
Not Used	130	PER	Administrative Communications Contact	O	3	
			LOOP ID - LM			10
Not Used	140	LM	Code Source Information	O	1	
Not Used	150	LQ	Industry Code	M	100	

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			10000	
Must Use	010	LIN	Item Identification	M	1		
Not Used	030	PID	Product/Item Description	O	200		
Not Used	040	MEA	Measurements	O	40		
Not Used	050	PKG	Marking, Packaging, Loading	O	25		
Must Use	100	DTM	Date/Time Reference	O	10		
Not Used	110	CTP	Pricing Information	O	25		
Not Used	120	CUR	Currency	O	1		
Not Used	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
Must Use	140	REF	Reference Identification	O	>1		
Not Used	150	PER	Administrative Communications Contact	O	3		
Not Used	220	SDQ	Destination Quantity	O	500		
Not Used	230	MAN	Marks and Numbers	O	1		
Not Used	235	UIT	Unit Detail	O	5		
Not Used	240	CS	Contract Summary	O	1		
	250	DD	Demand Detail	O	>1		
Not Used	255	G53	Maintenance Type	O	1		
Not Used	256	PCT	Percent Amounts	O	>1		
	257	LDT	Lead Time	O	12		
			LOOP ID - LM			10	
Must Use	260	LM	Code Source Information	O	1		
Must Use	270	LQ	Industry Code	M	100		
			LOOP ID - SLN			1000	
Not Used	280	SLN	Subline Item Detail	O	1		
Not Used	290	PID	Product/Item Description	O	200		
Not Used	300	MEA	Measurements	O	40		
Not Used	310	PKG	Marking, Packaging, Loading	O	25		
			LOOP ID - MAN			100	
Not Used	312	MAN	Marks and Numbers	O	1		
Not Used	314	MEA	Measurements	O	40		
			LOOP ID - QTY			99	
	320	QTY	Quantity	O	1		
Not Used	330	UIT	Unit Detail	O	12		
Not Used	340	MEA	Measurements	O	25		

Not Used	350	LDT	Lead Time	O	12		
Not Used	355	DTM	Date/Time Reference	O	10		
			LOOP ID - SCH			25	
Not Used	360	SCH	Line Item Schedule	O	1		
Not Used	370	MEA	Measurements	O	25		
			LOOP ID - LM			>1	
Not Used	375	LM	Code Source Information	O	1		
Not Used	376	LQ	Industry Code	M	100		
Not Used	380	LS	Loop Header	O	1		
			LOOP ID - REF			>1	
Not Used	390	REF	Reference Identification	O	1		n1
Not Used	400	DTM	Date/Time Reference	O	>1		
Not Used	410	N1	Name	O	1		
			LOOP ID - LM			10	
Not Used	420	LM	Code Source Information	O	1		
Not Used	430	LQ	Industry Code	M	100		
Not Used	440	LE	Loop Trailer	O	1		
			LOOP ID - N1			200	
Must Use	450	N1	Name	O	1		
Not Used	460	N2	Additional Name Information	O	2		
Not Used	470	N3	Address Information	O	2		
Not Used	480	N4	Geographic Location	O	1		
Not Used	490	REF	Reference Identification	O	12		
Not Used	500	PER	Administrative Communications Contact	O	3		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	010	CTT	Transaction Totals	O	1		n2
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The REF loop conveys serial number, lot number, and inventory data.
2. Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

Segment:	**ST** **Transaction Set Header**
Position:	010
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			846 X12.28 Inventory Inquiry/Advice	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			A unique number assigned by the originator of the transaction set, or the originator's application program.	

Segment:	**BIA** Beginning Segment for Inventory Inquiry/Advice		
Position:	020		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the beginning of an Inventory Inquiry/Advice Transaction Set		
Syntax Notes:			
Semantic Notes:	**1**	BIA03 identifies the number of the inquiry/advice that is transferred.	
	2	BIA04 identifies the date of the inquiry/advice that is transferred.	
	3	BIA05 identifies the time of the inquiry/advice that is transferred.	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BIA01	353	**Transaction Set Purpose Code**	M ID 2/2

Code identifying purpose of transaction set

00	Original
77	Simulation Exercise

Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.

Must Use	BIA02	755	**Report Type Code**	M ID 2/2

Code indicating the title or contents of a document, report or supporting item

TA	Asset Support Inquiry

An inquiry as to the abilities of an organization to support contingency or operational plans or projects

Use to identify a Logistics Asset Support Estimate (LASE) inquiry.

TB	Asset Support Advice

A response detailing the capabilities of an organization to support contingency or operational plans or projects

Use to identify a LASE response.

Must Use	BIA03	127	**Reference Identification**	M AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

Use Code "Z" for this data element to satisfy mandatory X12 requirements.

| Must Use | BIA04 | 373 | Date | M | DT 6/6 |

Date (YYMMDD)

This date is the date of transaction set preparation and corresponds to the Universal Time Coordinate (UTC).

| | BIA05 | 337 | Time | O | TM 4/8 |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

1. Express the originating activity's time of transaction set preparation in UTC.

2. Express the time in a four-position (HHMM) format.

| Not Used | BIA06 | 306 | Action Code | O | ID 1/2 |

Code indicating type of action

Segment:	**N1** Name	
Position:	080	
Loop:	N1 Optional (Must Use)	
Level:	Heading	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2	N105 and N106 further define the type of entity in N101.
Notes:	*Must use this 1/N1/080 loop to identify the organization originating the transaction set.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

Use only one of codes 33 or Z4.

33	Inquiry Address	

Use to indicate the activity submitting the asset support request.

Z4	Owning Inventory Control Point	

An inventory control organization responsible for management of a particular item

	Ref. Des.	Data Element	Name	Attributes
Not Used	N102	93	**Name**	X AN 1/35

Free-form name

	Ref. Des.	Data Element	Name	Attributes
Must Use	N103	66	**Identification Code Qualifier**	X ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
10	Department of Defense Activity Address Code (DODAAC)
M4	Department of Defense Routing Identifier Code (RIC)

An integral and predetermined participant in an established logistical system performing general

<div style="text-align: right;">logistic control, distribution, and storage functions</div>

Must Use	N104	67	**Identification Code**	X	AN 2/20

Code identifying a party or other code

Not Used	N105	706	**Entity Relationship Code**	O	ID 2/2

Code describing entity relationship

Must Use	N106	98	**Entity Identifier Code**	O	ID 2/2

Code identifying an organizational entity, a physical location, or an individual

FR   Message From

Must use in conjunction with the appropriate 1/N101/080 code to indicate the organization cited in N104 is originating the transaction set.

Segment:	**LIN** Item Identification		

Position: 010
Loop: LIN   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic item identification data
Syntax Notes:
1. If either LIN04 or LIN05 is present, then the other is required.
2. If either LIN06 or LIN07 is present, then the other is required.
3. If either LIN08 or LIN09 is present, then the other is required.
4. If either LIN10 or LIN11 is present, then the other is required.
5. If either LIN12 or LIN13 is present, then the other is required.
6. If either LIN14 or LIN15 is present, then the other is required.
7. If either LIN16 or LIN17 is present, then the other is required.
8. If either LIN18 or LIN19 is present, then the other is required.
9. If either LIN20 or LIN21 is present, then the other is required.
10. If either LIN22 or LIN23 is present, then the other is required.
11. If either LIN24 or LIN25 is present, then the other is required.
12. If either LIN26 or LIN27 is present, then the other is required.
13. If either LIN28 or LIN29 is present, then the other is required.
14. If either LIN30 or LIN31 is present, then the other is required.

Semantic Notes:
1. LIN01 is the line item identification

Comments:
1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: *Must use the 2/LIN/010 loop to identify the material, transaction number, and inventory information associated with the LASE.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	LIN01	350	Assigned Identification	O AN 1/20

Alphanumeric characters assigned for differentiation within a transaction set

Must Use	LIN02	235	Product/Service ID Qualifier	M ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Must use one of codes A1, A2, A4, FB, FS, MG, or YP for LASE inquiries and responses. Must use National Stock Number (NSN) when known.

A1   Plant Equipment Number

Item identifier is a plant equipment number

Use to identify plant equipment.

A2   Department of Defense Identification Code (DoDIC)

			Qualifies a code that uniquely identifies a type of explosive or ammunition
			Use to identify ammunition items.
	A4		Subsistence Identification Number
			Item identifier is a brand-name resale subsistence item
			Use to identify subsistence items.
	FB		Form Number
			Use to identify the form stock number.
	FS		National Stock Number
			Must use the NSN when known.
	MG		Manufacturer's Part Number
			Use to identify nonstandard material.
	YP		Publication Number
			Use to identify the publication stock number.

Must Use	LIN03	234	Product/Service ID	M	AN 1/40

Identifying number for a product or service

	LIN04	235	Product/Service ID Qualifier	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. When LIN02 is code MG, must use LIN04 code ZB.

2. In LASE responses, if providing a preferred item, use only one of codes SR, SW (must use NSN if known), XA or XP to identify the item. Use LIN04-05 if LIN02 is any code except MG. If LIN02 is code MG (LIN04 is code ZB), identify one of the codes (SR, SW, XA or XP) in LIN06-07.

3. When providing a preferred item identification through its manufacturer's part number (code XA), must also use code ZB in the following LIN pair (use either LIN06-07 or LIN08-09 as needed).

	SR		Substitute Product Number
			Use with LIN02 code A2 to identify a preferred ammunition item.
	SW		Stock Number
			Use with LIN02 code A4 to identify a preferred subsistence item.
	XA		Preferred Part Number
			Use with LIN02 code MG to identify a preferred manufacturer's part number.
	XP		Preferred National Stock Number
			Use with LIN02 code FS to identify the preferred NSN.

		ZB	Commercial and Government Entity (CAGE) Code		

A code that identifies a commercial contractor authorized to do business with the U.S. government

Use with LIN02 code MG to uniquely identify a manufacturer's part number.

	LIN05	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

	LIN06	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

When providing a preferred item, also use one of codes SR, SW, XA, or XP, for LASE responses. Must use the National Stock Number (NSN) when known.

		SR	Substitute Product Number		

Use as needed to identify a preferred ammunition item.

		SW	Stock Number		

Use as needed to identify a preferred subsistence item.

		XA	Preferred Part Number		

Use as needed to identify a preferred manufacturer's part number.

		XP	Preferred National Stock Number		

Use as needed to identify the preferred NSN.

	LIN07	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

	LIN08	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

		ZB	Commercial and Government Entity (CAGE) Code		

A code that identifies a commercial contractor authorized to do business with the U.S. government

Use with LIN06 code XA to uniquely identify a manufacturer's part number.

	LIN09	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

Not Used	LIN10	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN11	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

Not Used	LIN12	235	**Product/Service ID Qualifier**	X	**ID 2/2**

			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN13	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN14	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN15	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN16	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN17	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN18	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN19	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN20	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN21	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN22	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN23	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN24	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN25	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN26	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN27	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN28	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

Not Used	LIN29	234	**Product/Service ID**	X	AN 1/40

Identifying number for a product or service

Not Used	LIN30	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN31	234	**Product/Service ID**	X	AN 1/40

Identifying number for a product or service

Segment:	**DTM** Date/Time Reference	
Position:	100	
Loop:	LIN Mandatory	
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.	
	2 If either DTM06 or DTM07 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*1. Must use one repetition to identify the date of transaction preparation.*	
	2. Use additional repetitions, as needed to identify dates associated with the transaction.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3

Code specifying type of date or time, or both date and time

065	1st Schedule Delivery
	Use for LASE responses to identify the date when the first scheduled delivery of due-in material will occur.
097	Transaction Creation
	Must use to identify the date of transaction preparation.
600	As Of
	Use for LASE responses to identify the date when the aggregate quantity of material dues-in will be sufficient to satisfy current backorders plus demands forecasted to occur during the interim period from the current date to the date when cumulative assets exceed cumulative anticipated demands plus current backorders.

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM02	373	**Date**	X DT 6/6

Date (YYMMDD)

	Ref. Des.	Data Element	Name	Attributes
Not Used	DTM03	337	**Time**	X TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used   **DTM04**   **623**   **Time Code**   **O ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

                DTM05   **624**   **Century**   **O N0 2/2**

The first two characters in the designation of the year (CCYY)

Not Used   **DTM06**   **1250**   **Date Time Period Format Qualifier**   **X ID 2/3**

Code indicating the date format, time format, or date and time format

Not Used   **DTM07**   **1251**   **Date Time Period**   **X AN 1/35**

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**REF** Reference Identification
Position:	140
Loop:	LIN Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	***Must use to identify the transaction number.***

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			TN Transaction Reference Number		
Must Use	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	REF03	352	**Description**	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	REF04	C040	**Reference Identifier**	O	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
Not Used	C04001	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04002	127	**Reference Identification**	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04003	128	**Reference Identification Qualifier**	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	**Reference Identification Qualifier**	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as		

specified by the Reference Identification Qualifier

Segment:	**DD** Demand Detail			
Position:	250			
Loop:	LIN	Mandatory		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To describe the type of demand and the intended use of material			

Syntax Notes:

1. If DD02 is present, then DD01 is required.
2. If any of DD03 DD04 or DD05 is present, then all are required.
3. If DD06 is present, then DD05 is required.
4. If DD10 is present, then DD09 is required.

Semantic Notes:

1. DD08 transmits the stock level indicator. A "Y" indicates that the material is normally carried in stock; an "N" indicates that the material is not normally stocked.

Comments:

Notes: *Use as needed for LASE inquiries only to identify the weapon system associated with the required material.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	DD01	1271	**Industry Code**	X	AN 1/30
			Code indicating a code from a specific industry code list		
Not Used	DD02	1270	**Code List Qualifier Code**	O	ID 1/3
			Code identifying a specific industry code list		
Must Use	DD03	128	**Reference Identification Qualifier**	X	ID 2/3
			Code qualifying the Reference Identification		

    W2   Weapon System Number

                    Identifies a weapon system

                    Use to identify the applicable weapon system designator code.

	Ref. Des.	Data Element	Name	Attributes	
Must Use	DD04	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	DD05	1271	**Industry Code**	X	AN 1/30
			Code indicating a code from a specific industry code list		
	DD06	1270	**Code List Qualifier Code**	O	ID 1/3
			Code identifying a specific industry code list		

    71   Service and Agency Code

                    Military services, defense agencies, and certain civilian agencies of the United States Government

                    Use to identify the Service code associated with the weapon system for which logistics asset support is requested.

Not Used	DD07	380	**Quantity**	O	R 1/15
			Numeric value of quantity		
Not Used	DD08	1073	**Yes/No Condition or Response Code**	O	ID 1/1
			Code indicating a Yes or No condition or response		
Not Used	DD09	1271	**Industry Code**	X	AN 1/30
			Code indicating a code from a specific industry code list		
Not Used	DD10	1270	**Code List Qualifier Code**	O	ID 1/3
			Code identifying a specific industry code list		

Segment:	**LDT** Lead Time	
Position:	257	
Loop:	LIN	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify lead time for availability of products and services	
Syntax Notes:		
Semantic Notes:	1 LDT04 is the effective date of lead time information.	
Comments:	1 LDT02 is the quantity of unit of time periods.	
Notes:	*Use as needed in asset status responses to indicate the procurement lead time.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LDT01	345	**Lead Time Code**	M ID 2/2

Code indicating the time range

AF — From date of PO receipt to delivery

Use to identify the procurement lead time defined as the interval in months between initiation of procurement action and receipt into the supply system of the production model (excludes prototypes) purchased as a result of such actions.

	Ref. Des.	Data Element	Name	Attributes
Must Use	LDT02	380	**Quantity**	M R 1/15

Numeric value of quantity

Must Use	LDT03	344	**Unit of Time Period or Interval**	M ID 2/2

Code indicating the time period or interval

MO — Month

Not Used	LDT04	373	**Date**	O DT 6/6

Date (YYMMDD)

Segment:	**LM** Code Source Information	
Position:	260	
Loop:	LM	Optional (Must Use)
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To transmit standard code list identification information	
Syntax Notes:		
Semantic Notes:		
Comments:	**1** LM02 identifies the applicable industry code list source information.	
Notes:	*Must use this 2/LM/260 loop to identify coded information maintained in department or agency documentation.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**LM01**	**559**	**Agency Qualifier Code**	**M ID 2/2**
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
Not Used	**LM02**	**822**	**Source Subqualifier**	**O AN 1/15**
			A reference that indicates the table or text maintained by the Source Qualifier	

Segment:	**LQ** Industry Code	
Position:	270	
Loop:	LM	Optional (Must Use)
Level:	Detail	
Usage:	Mandatory	
Max Use:	100	
Purpose:	Code to transmit standard industry codes	
Syntax Notes:	1	If LQ01 is present, then LQ02 is required.
Semantic Notes:		
Comments:		
Notes:	*Use to identify codes, as appropriate, consistent with management information requirements.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ01	1270	Code List Qualifier Code	O ID 1/3

Code identifying a specific industry code list

0	Document Identification Code
	Codes that subclassify a transaction
AD	Acquisition Advice Code
	Denotes how and under what restrictions an item will be acquired
	Use for LASE responses to identify acquisition advice code associated with the identified material.
EU	Request Code
	The type of data requested and furnished on an asset support request
	Use for LASE inquiries to identify the request code.

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ02	1271	Industry Code	X AN 1/30

Code indicating a code from a specific industry code list

Segment:	**QTY** Quantity
Position:	320
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify quantity information
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*Use the 2/QTY/320 loop for LASE responses to identify quantities associated with support of the desired material.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY01	673	**Quantity Qualifier**	M ID 2/2

Code specifying the type of quantity

17   Quantity on Hand

Use to identify the total peacetime assets consisting of total system onhand assets in supply condition codes A, B, C, and D less Other War Reserve Material Requirements Protectable (OWRMRP) assets.

63   On Order Quantity

Use to identify the total quantity due-in on purchase request from procurement instrument sources less any quantity on backorder that was not applied to net due-in on contract.

BA   Due-In

An anticipated receipt quantity

Use to identify the total quantity due-in on contract from procurement instrument sources less the quantity on backorder.

XA   Total of Issuable Assets

Use to identify the total quantity of onhand assets consisting of OWRMRP and supply condition codes A, B, C, and D inventory.

XB   Total System Backorder Quantity, High Priority

Use to identify total system backorders for priorities 1-8.

XC   Total Service Backorder Quantity, High Priority

Use to identify the total backorder quantity of priorities 1-8 applicable to the parent service of the

activity initiating the request.

| | XD | Total System Backorder Quantity, Low Priority | | |

Use to identify total system backorders for priorities 9-15.

| | XE | Total Service Backorder Quantity, Low Priority | | |

Use to identify the total backorder quantity for priorities 9-15 applicable to the parent service of the activity initiating the request.

| | XJ | Other War Reserve Material Requirements Protectable (OWRMRP) Quantity | | |

Total of all War Reserve material to be protected

Use to identify total system OWRMRP on hand assets.

| | YA | Total Demand Quantity | | |

Sum total of all demands

Use to identify the total system quarterly forecast of demands.

| **Must Use** | **QTY02** | **380** | **Quantity** | **M** | **R 1/15** |

Numeric value of quantity

Express as a whole number with no decimal.

| | **QTY03** | **C001** | **Composite Unit of Measure** | **O** | |

To identify a composite unit of measure (See Figures Appendix for examples of use)

| **Must Use** | **C00101** | **355** | **Unit or Basis for Measurement Code** | **M** | **ID 2/2** |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

DLMS users see the Unit of Issue and Purchase Unit Conversion Table for applicable codes.

| **Not Used** | **C00102** | **1018** | **Exponent** | **O** | **R 1/15** |

Power to which a unit is raised

| **Not Used** | **C00103** | **649** | **Multiplier** | **O** | **R 1/10** |

Value to be used as a multiplier to obtain a new value

| **Not Used** | **C00104** | **355** | **Unit or Basis for Measurement Code** | **O** | **ID 2/2** |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

| **Not Used** | **C00105** | **1018** | **Exponent** | **O** | **R 1/15** |

Power to which a unit is raised

| **Not Used** | **C00106** | **649** | **Multiplier** | **O** | **R 1/10** |

Value to be used as a multiplier to obtain a new value

| **Not Used** | **C00107** | **355** | **Unit or Basis for Measurement Code** | **O** | **ID 2/2** |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00108	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00111	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00114	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		

Segment:	**N1** Name		
Position:	450		
Loop:	N1	Optional (Must Use)	
Level:	Detail		
Usage:	Optional (Must Use)		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Syntax Notes:	1	At least one of N102 or N103 is required.	
	2	If either N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	
	2	N105 and N106 further define the type of entity in N101.	
Notes:	*Must use this 2/N1/450 loop to identify the organization to receive the transaction set.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

Use only one of codes 33 or Z4.

33   Inquiry Address

Use to indicate the activity submitting the asset support request.

Z4   Owning Inventory Control Point

An inventory control organization responsible for management of a particular item

	Ref. Des.	Data Element	Name	Attributes
Not Used	N102	93	**Name**	X AN 1/35

Free-form name

	Ref. Des.	Data Element	Name	Attributes
Must Use	N103	66	**Identification Code Qualifier**	X ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

1   D-U-N-S Number, Dun & Bradstreet

9   D-U-N-S+4, D-U-N-S Number with Four Character Suffix

10   Department of Defense Activity Address Code (DODAAC)

M4   Department of Defense Routing Identifier Code (RIC)

An integral and predetermined participant in an established logistical system performing general

			logistic control, distribution, and storage functions		

Must Use	**N104**	**67**	**Identification Code**	**X**	**AN 2/20**

Code identifying a party or other code

Not Used	**N105**	**706**	**Entity Relationship Code**	**O**	**ID 2/2**

Code describing entity relationship

Must Use	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

TO Message To

Must use with the appropriate 2/N101/450 code to indicate the organization cited in N104 is receiving the transaction.

Segment:	**SE** Transaction Set Trailer		
Position:	020		
Loop:			
Level:	Summary		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)		
Syntax Notes:			
Semantic Notes:			
Comments:	1	SE is the last segment of each transaction set.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Cite the same number as the one cited in ST02.	